

MTS-3326US

70/089998
Rec'd PCT/PTO 05 APR 2002
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hideki Hayashi; Sadao Mizuno : Art Unit:
Serial No.: To be assigned : Examiner:
Filed: Herewith
For: LENS, OPTICAL HEAD, OPTICAL
INFORMATION WRITING/READING
APPARATUS AND OPTICAL
INFORMATION RECORDING MEDIUM
WRITING/READING METHOD

#6
PB
5/1/03

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

S I R :

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (R&P) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following references are not in the English language:

- 1) JP 10-293937

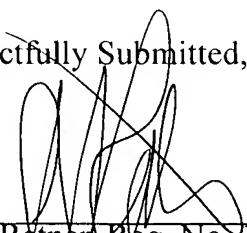
- 2) JP 10-269610
- 3) JP 10-255305
- 4) JP 2000-81566
- 5) JP 2000-131604
- 6) JP 07-302437
- 7) JP 09-184975
- 8) JP 10-55563
- 9) JP 09-145995
- 10) JP 09-219035

References 1)-9) were cited in a search report of the Japanese Patent Office in a patent application corresponding to the above-identified patent application. A copy of this Japanese-language search report, which indicates the degree of relevance found by the foreign office, is transmitted herewith. Also enclosed is an English translation of Form PCT/ISA/210 to explain the special category definitions of the Japanese language search report. Further, U. S. or English language European counterpart patents or abstracts are attached each of the references 1)-9).

Reference 10) includes an English abstract attached to the copy of the reference and also includes a "concise explanation" under 37CFR § 1.98(a)(3) which is set forth in the background portion of the specification at page 3, line 16.

This information disclosure statement is being filed with the above-referenced application. No fee or certification is required. 37 C.F.R. § 1.97(b).

Respectfully Submitted,



Allan Ratner, Reg. No. 19,717
Attorney for Applicants

AR/jam

Enclosures: PTO Form 1449
Copy of (18) References
Japanese Search Report (w/English translation)

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The Assistant Commissioner for Patents is hereby
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I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE Information Disclosure Statement by Applicant (Use several sheets if necessary)	ATTY. DOCKET NO. MTS-3326US	SERIAL NO To Be Assigned 10/089998
	APPLICANT Hideki Hayashi et al.	
	FILING DATE Herewith	GROUP To Be Assigned

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	6,052,355	4/18/00	Saito et al. (w/JP counterpart 10-269610)			
	6,118,594	9/12/00	Maruyama (w/JP counterpart 2000-81566)			
	5,930,214	7/27/99	Kasahara et al. (w/JP counterpart 07-302437)			
	5,889,748	3/30/99	Shimano et al. (w/JP counterpart 09-184975)			
	5,657,305	8/12/97	Sasaki et. al. (w/JP counterpart 10-55563)			

FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
	10-293937	11/4/98	Japan (w/EP counterpart 0 874 359)			
	10-269610	10/9/98	Japan (w/US. Counterpart 6,052,355)			
	10-255305	9/25/98	Japan (w/EP counterpart 0 865 037)			
	2000-81566	3/21/00	Japan (w/US counterpart 6,118,594)			
	2000-131604	5/12/00	Japan (w/EP counterpart 0 996 121)			
	07-302437	11/14/95	Japan (w/US counterpart 5,930,214)			
	09-184975	7/15/97	Japan (w/US counterpart 5,889,748)			
	10-55563	2/24/98	Japan (w/US counterpart 5,657,305)			
	0 874 359	10/28/98	EPO (w/JP counterpart 10-293937)			
	0 865 037	09/16/98	EPO (w/JP counterpart 10-255305)			
	0 996 121	04/26/00	EPO (w/JP counterpart 2000-131604)			
	09-145995	6/6/97	Japan (w/ English abstract)			
	09-219035	8/19/97	Japan (w/ English abstract)			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	1	Japanese search report for PCT/JP00/06926 dated February 20, 2001.
	2	English translation of Form PCT/ISA/210.

Examiner	Date Considered
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.